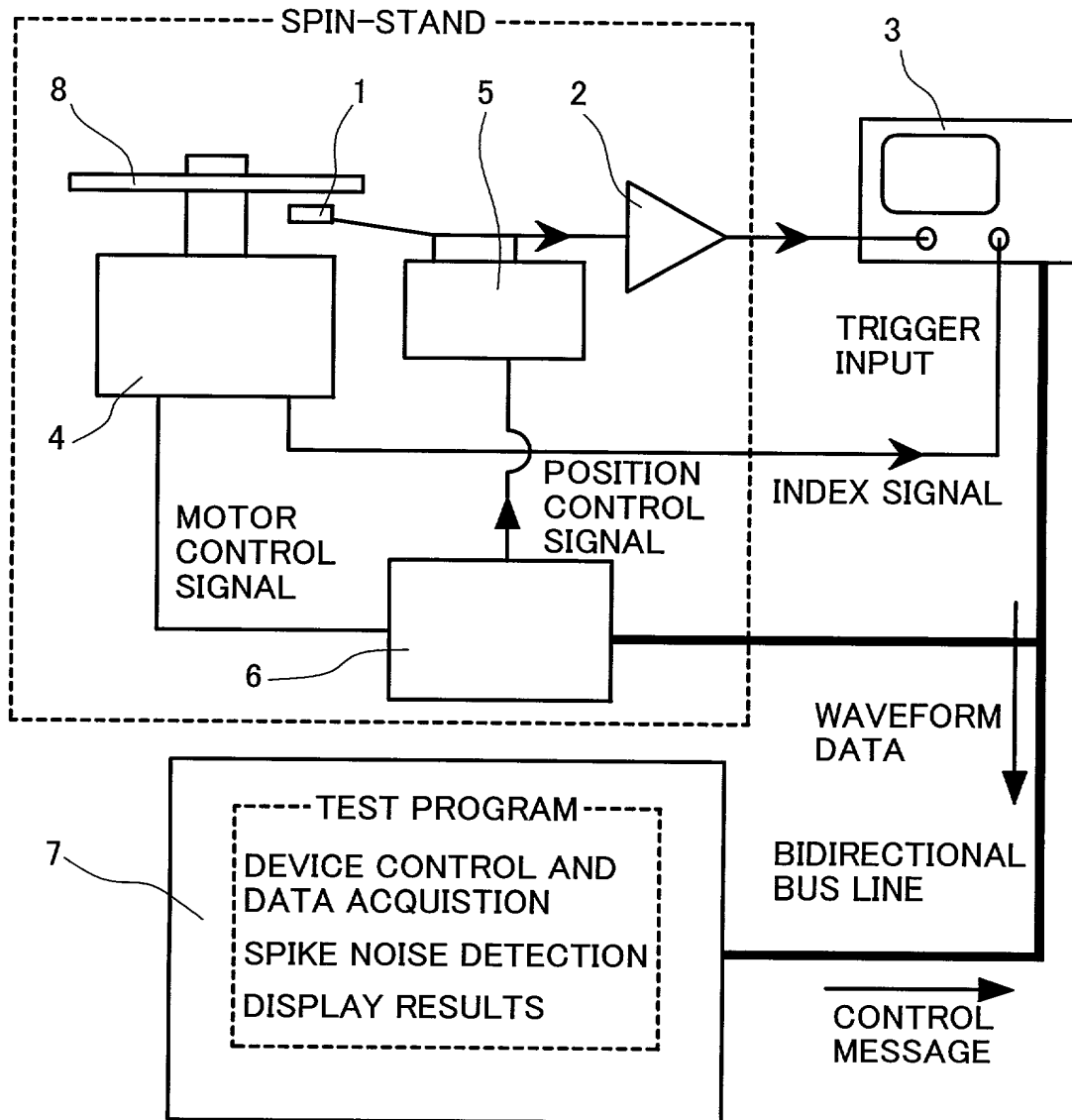


# FIG.1



1...HEAD, 2...HEAD AMPLIFIER, 3...DIGITAL STORAGE OSCILLOSCOPE,  
 4...SPINDLE MOTOR, 5...HEAD STAGE, 6...SPINSTAND CONTROLLER,  
 7...COMPUTER, 8...DOUBLE LAYERED PERPENDICULAR MEDIA

FIG.2A

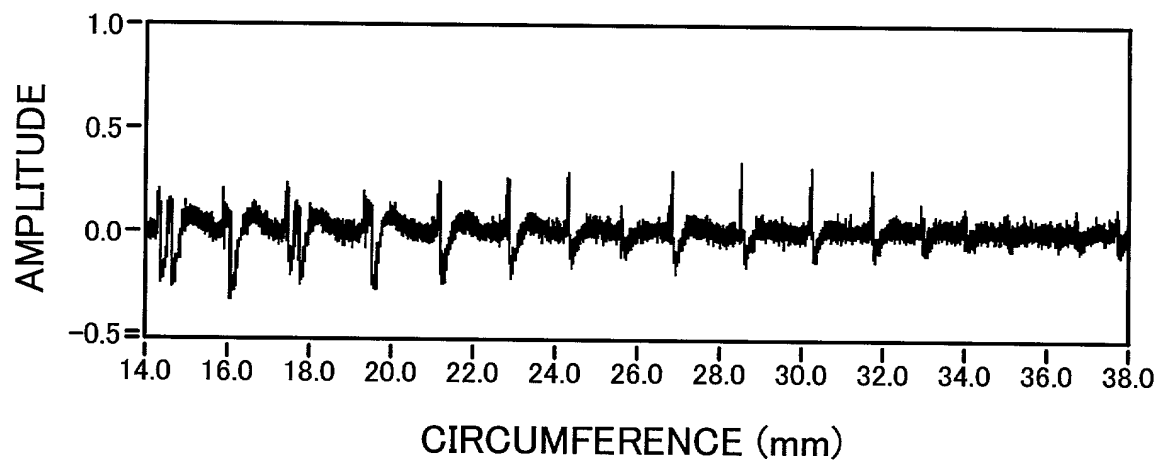


FIG.2B

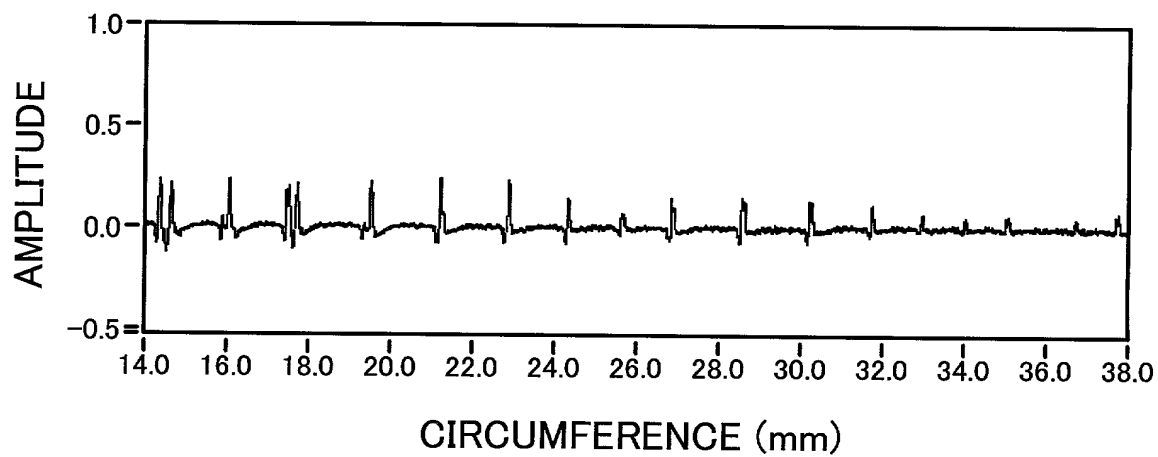


FIG.3A

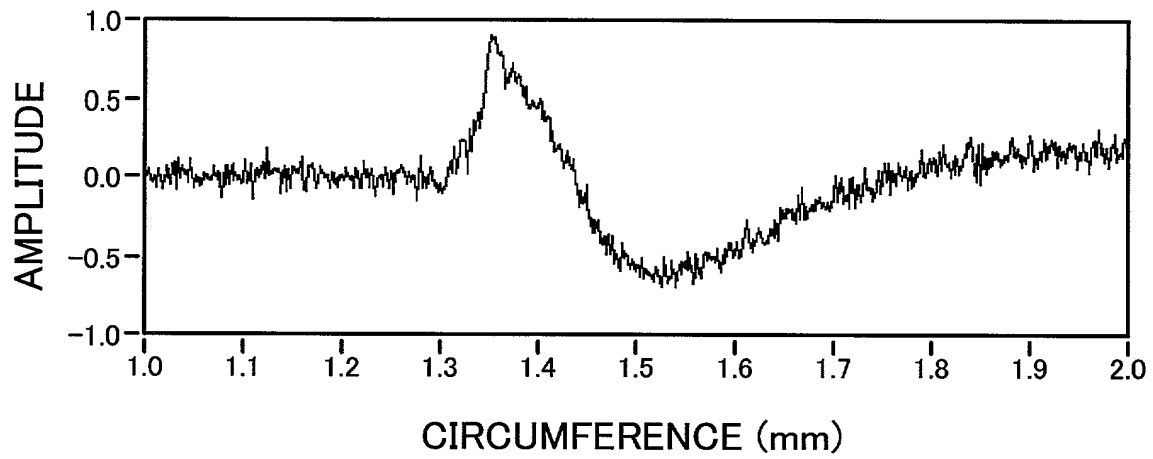


FIG.3B

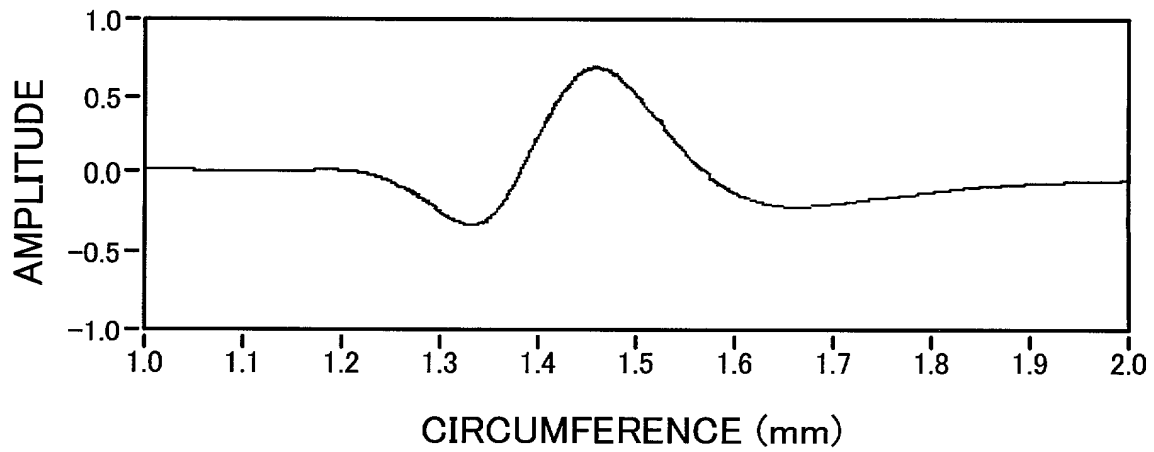


FIG.4

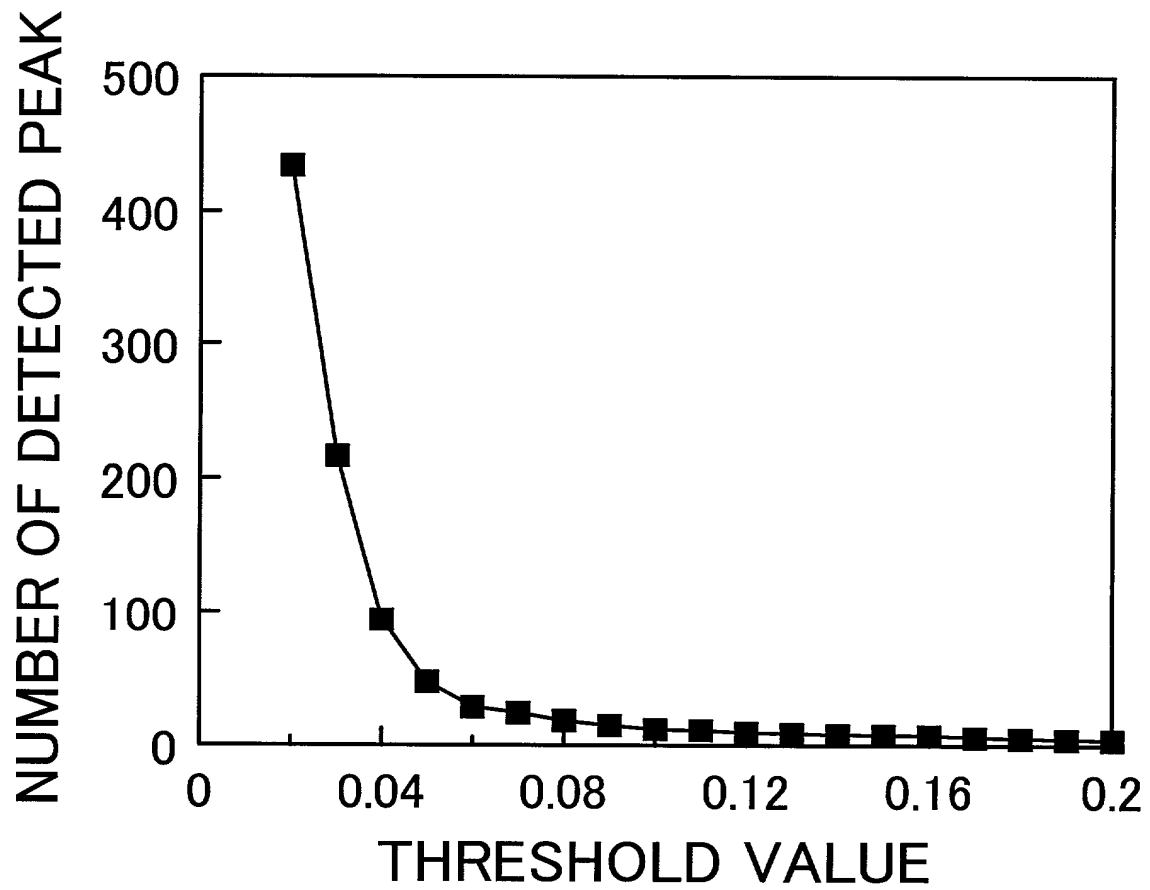
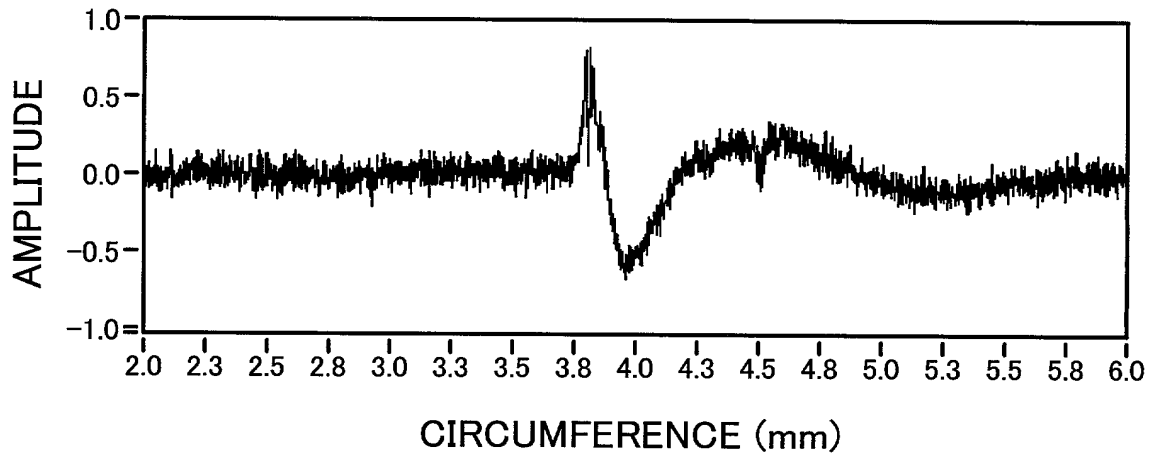


FIG.5



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FIG.6

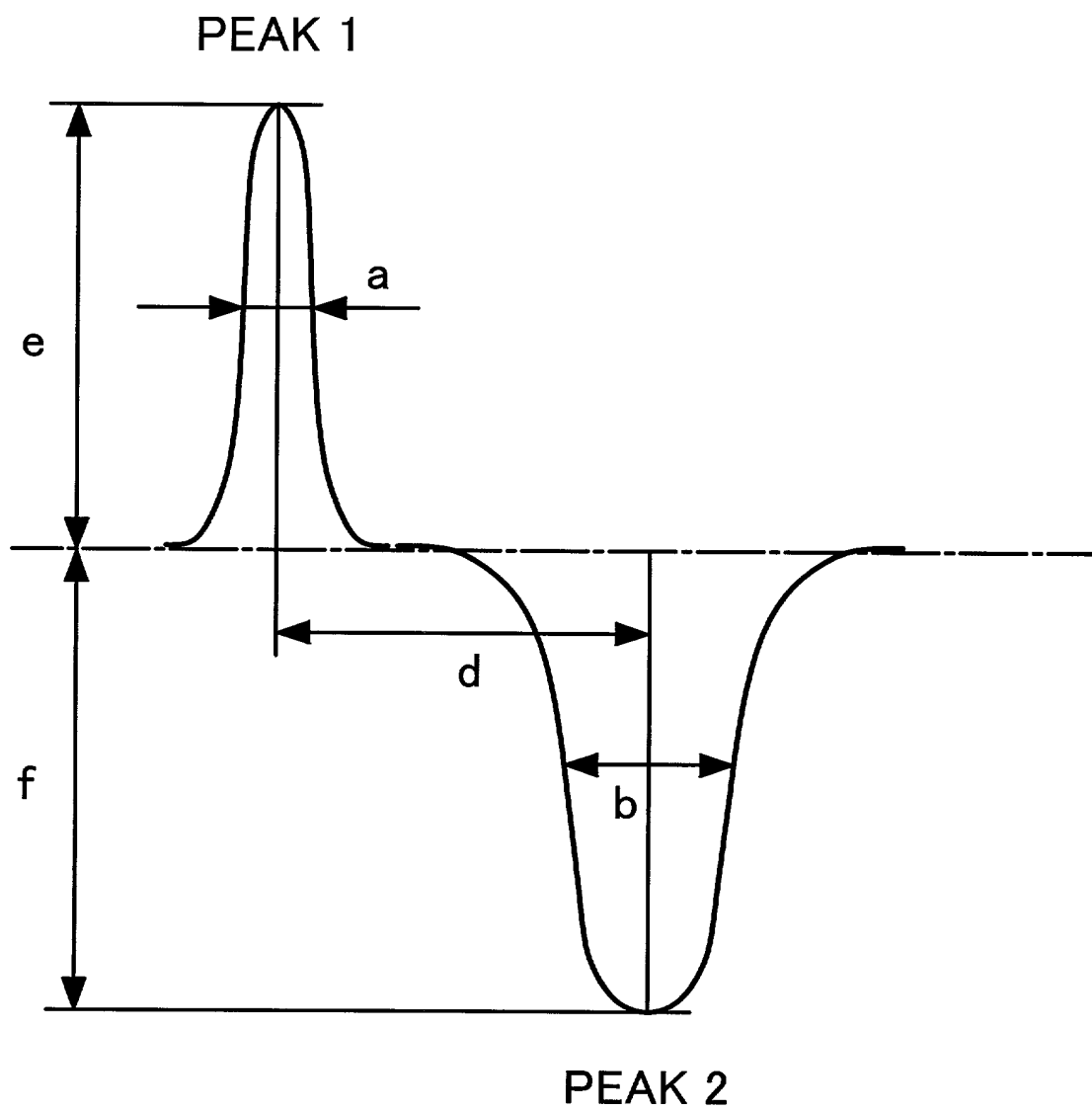


FIG.7

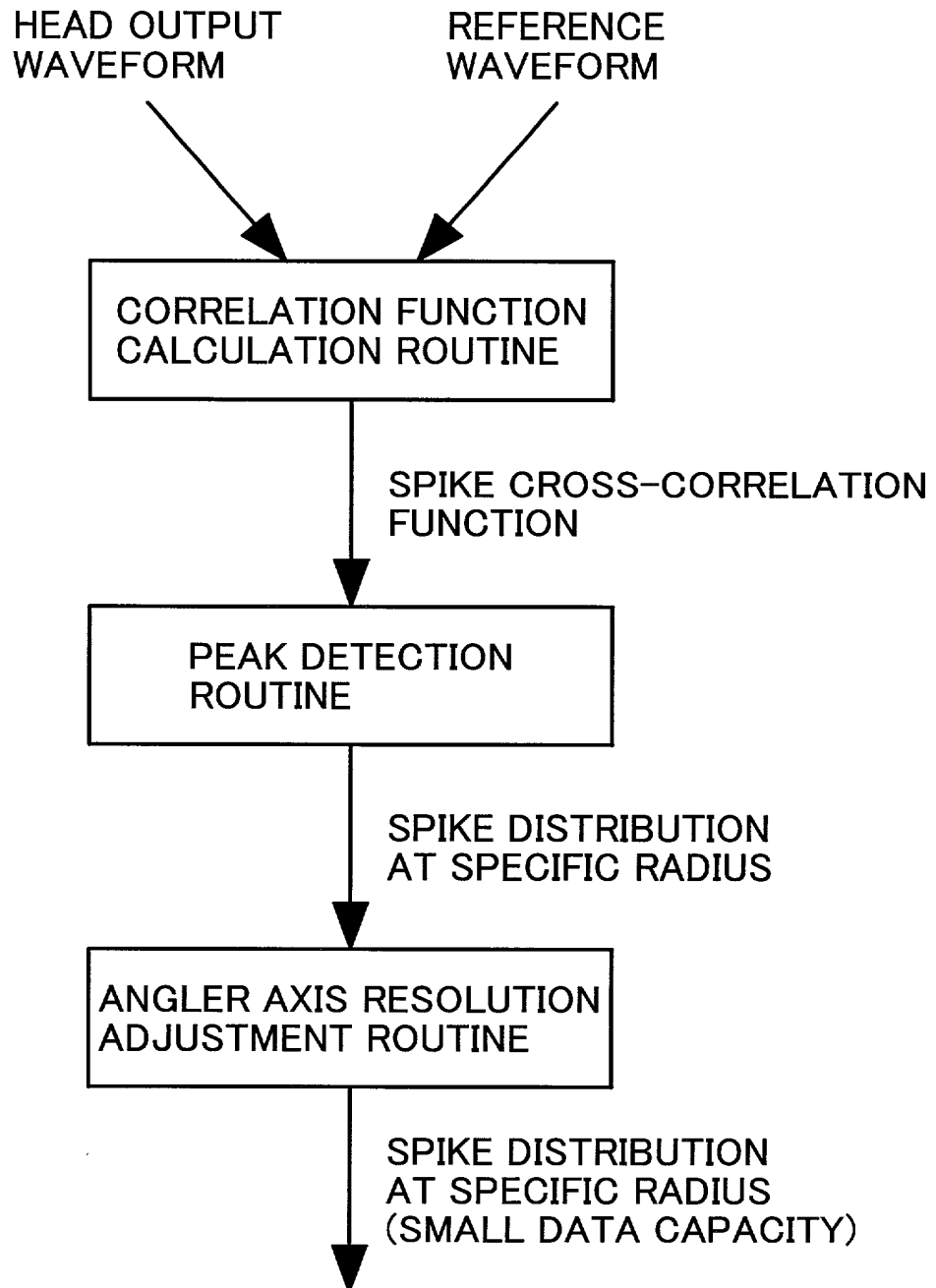
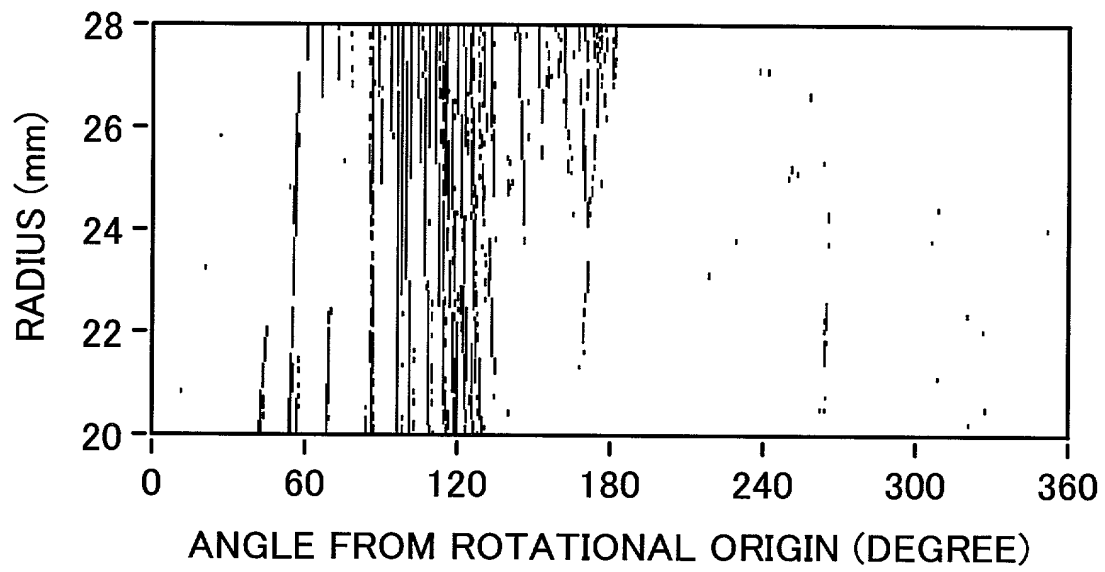


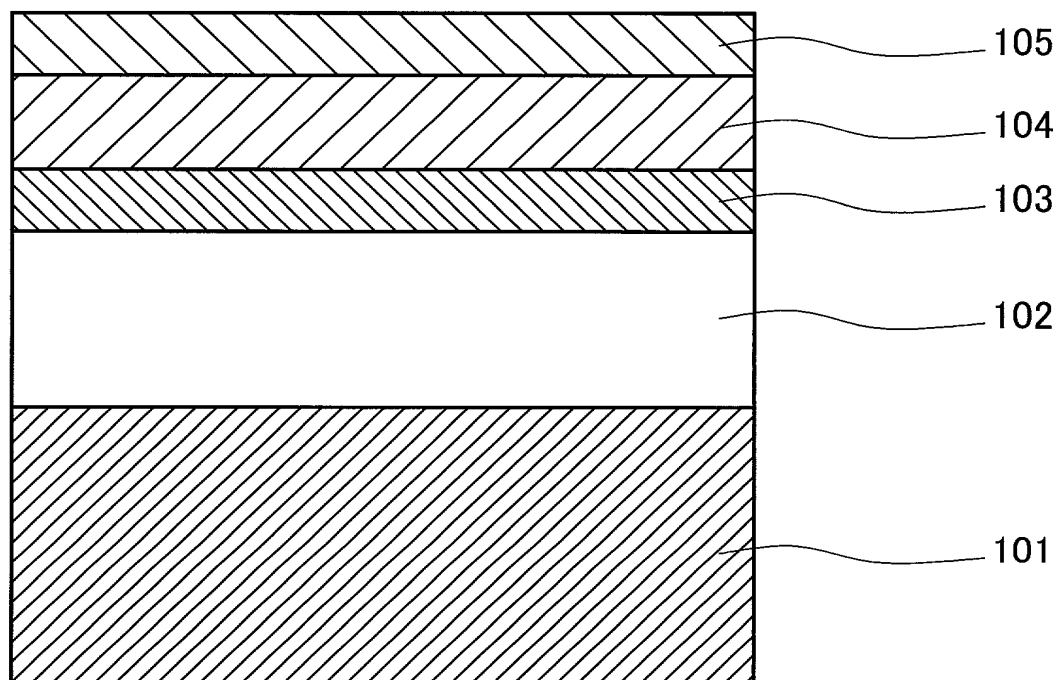
FIG.8



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FIG.9



101...GLASS SUBSTRATE, 102...SOFT MAGNETIC LAYER,  
103...NONMAGNETIC INTERMEDIATE LAYER,  
104...RECORDING LAYER, 105...PROTECTION LAYER

FIG.10

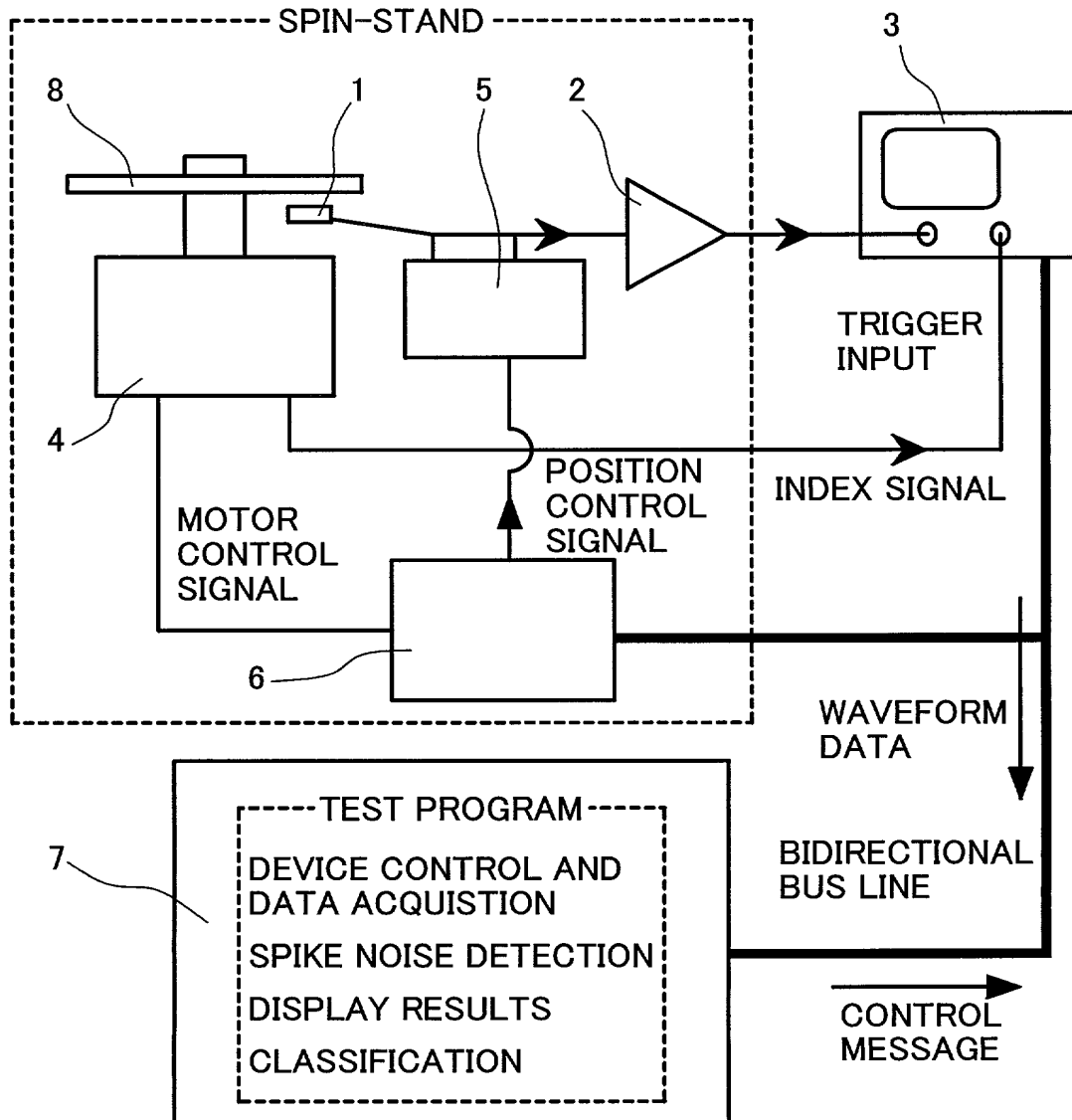
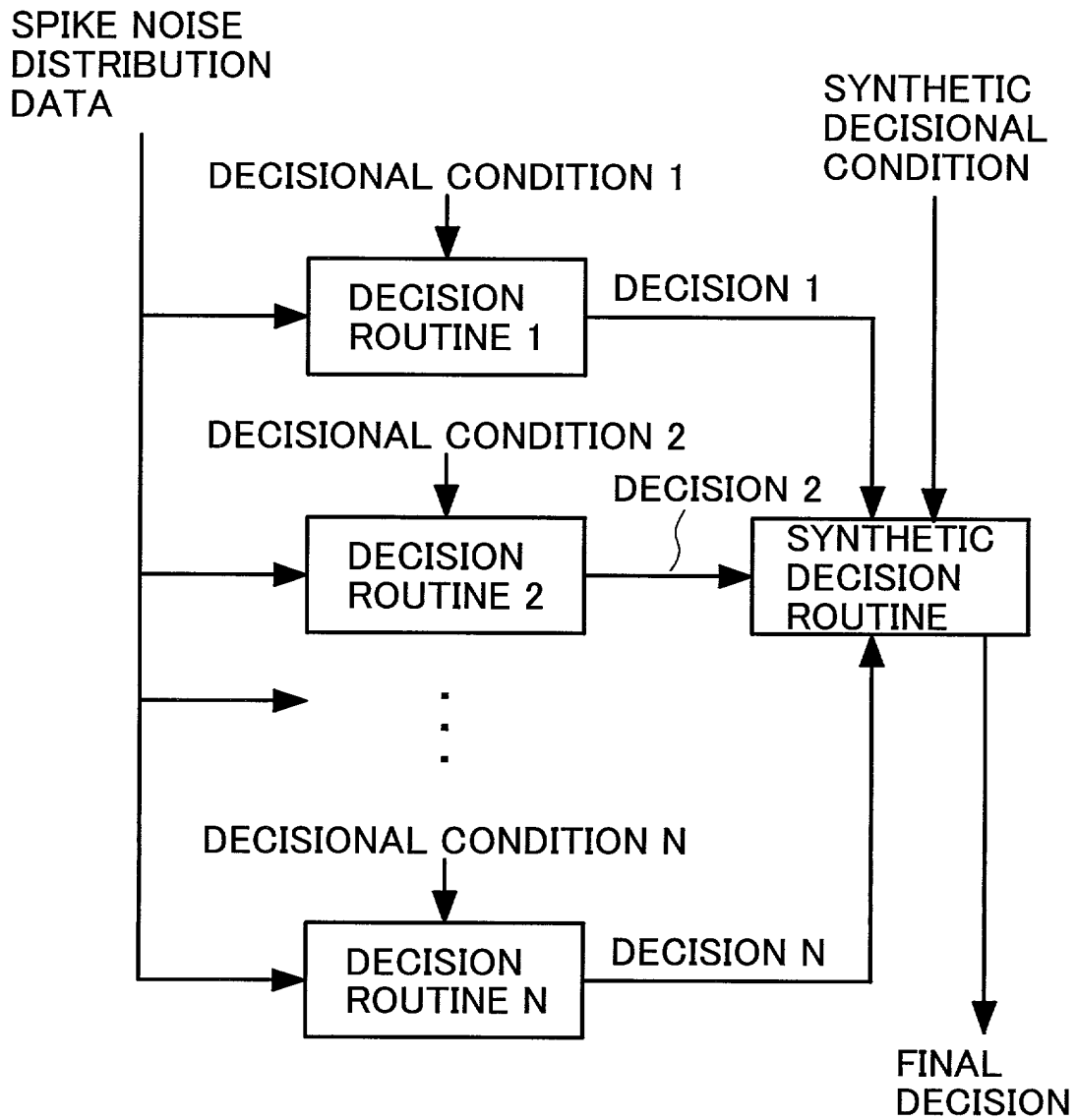


FIG.11



# FIG.12

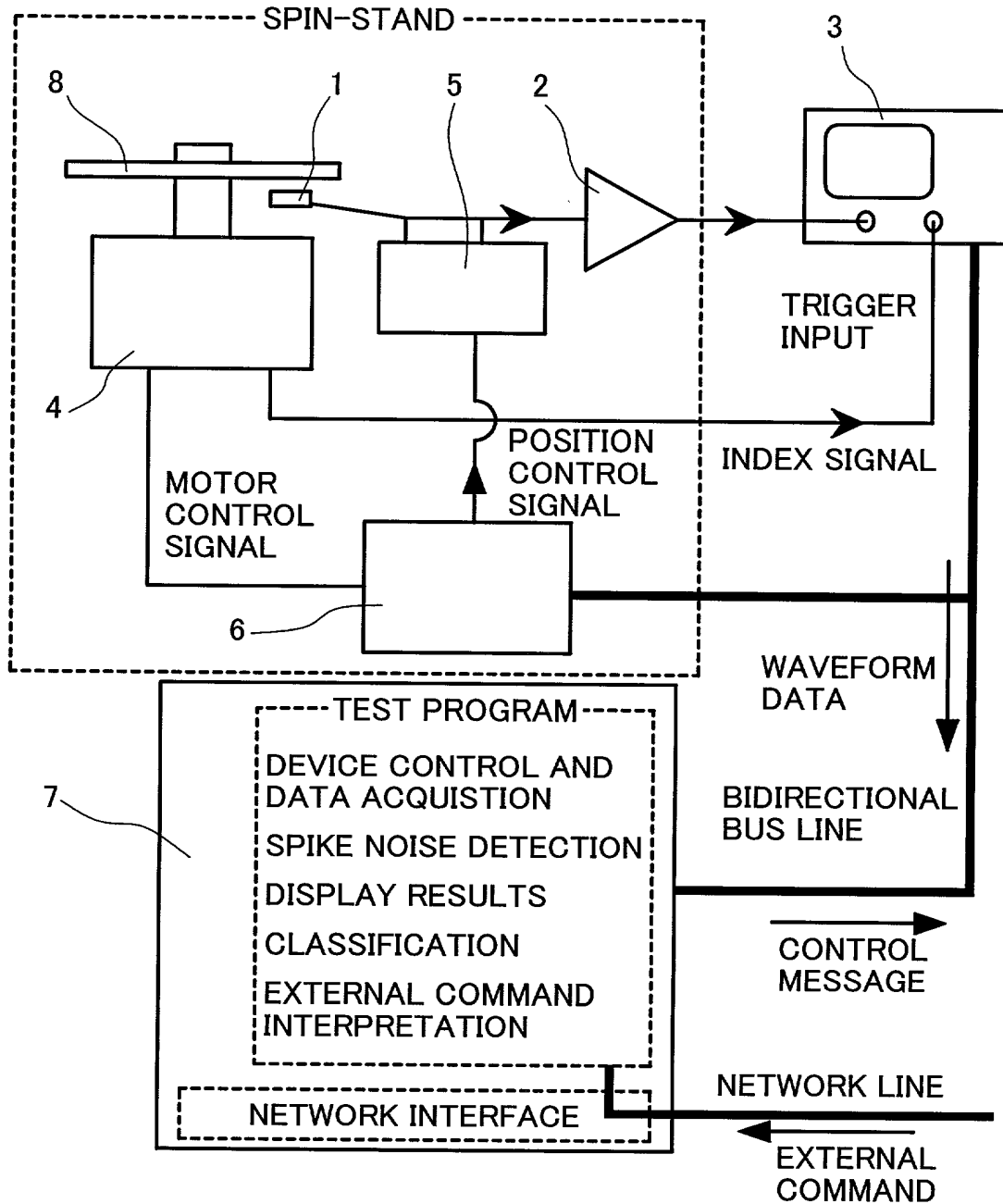


FIG.13A

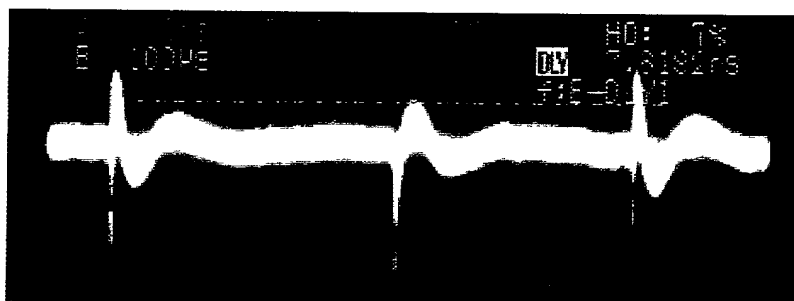


FIG.13B

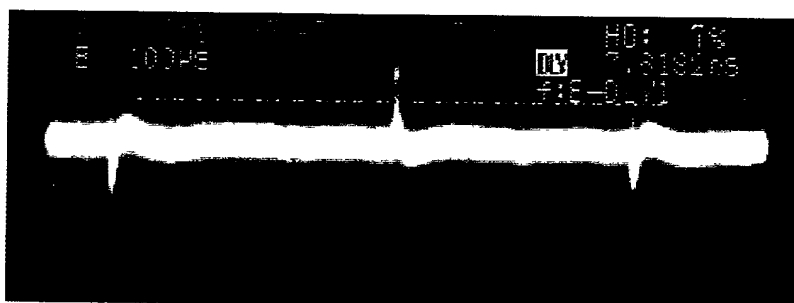
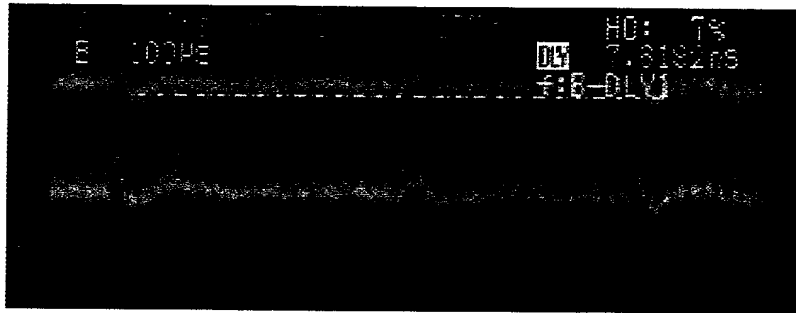
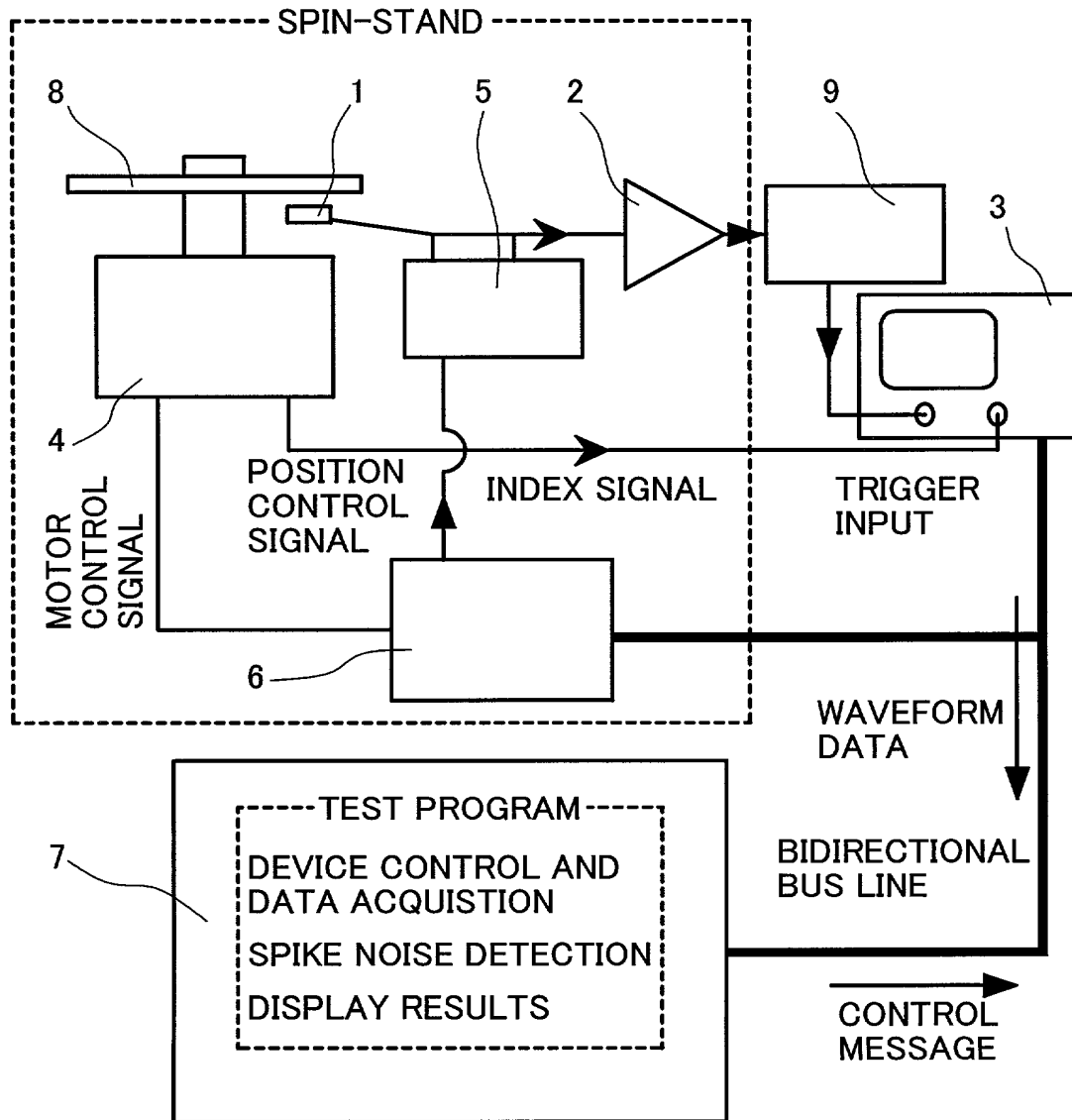


FIG.14



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# FIG.15



1...HEAD, 2...HEAD AMPLIFIER, 3...DIGITAL STORAGE OSCILLOSCOPE,  
 4...SPINDLE MOTOR, 5...HEAD STAGE, 6...SPINSTAND CONTROLLER,  
 7...COMPUTER, 8...DOUBLE LAYERED PEPENDICULAR MEDIA  
 9...DESCRIMINATOR

FIG.16

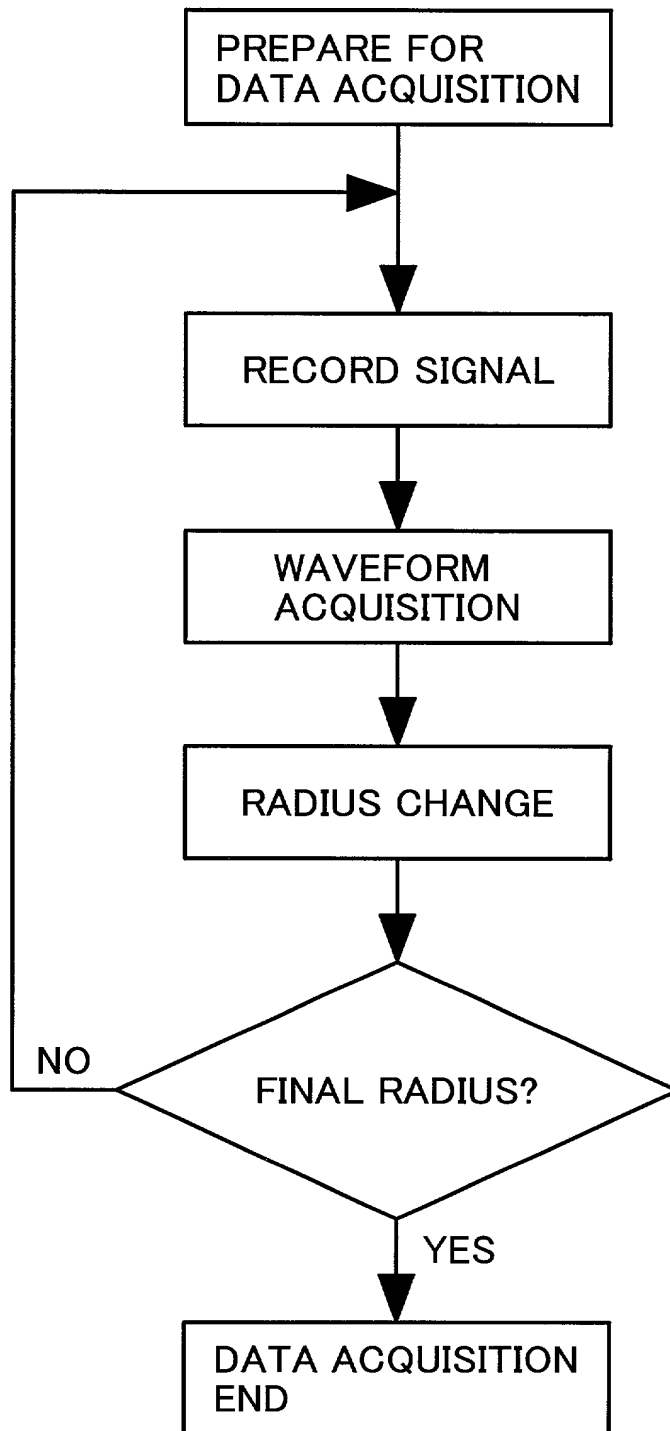
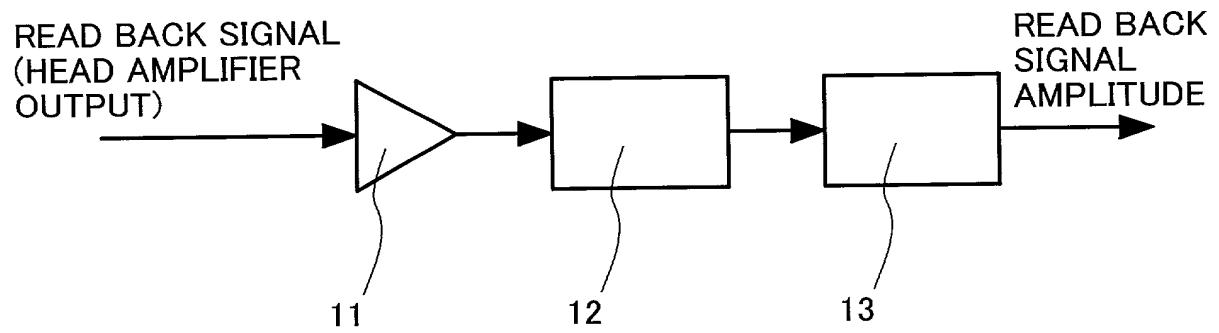




FIG.17



11...AMPLIFIER, 12...HIGH-PASS FILTER, 13...ENVELOPE DETECTOR

FIG.18A

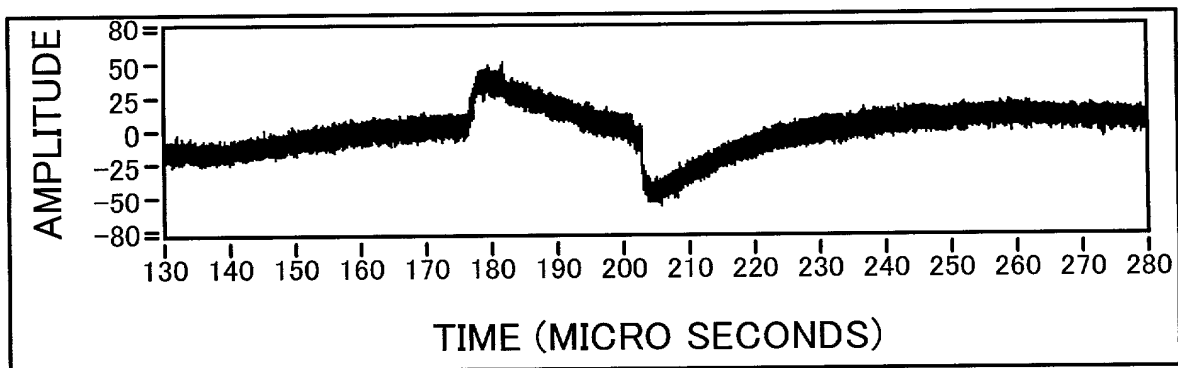


FIG.18B

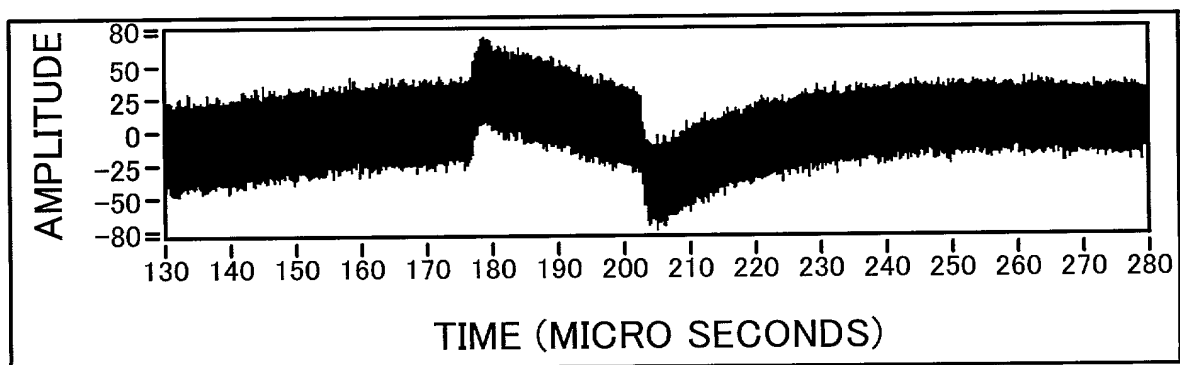


FIG.18C

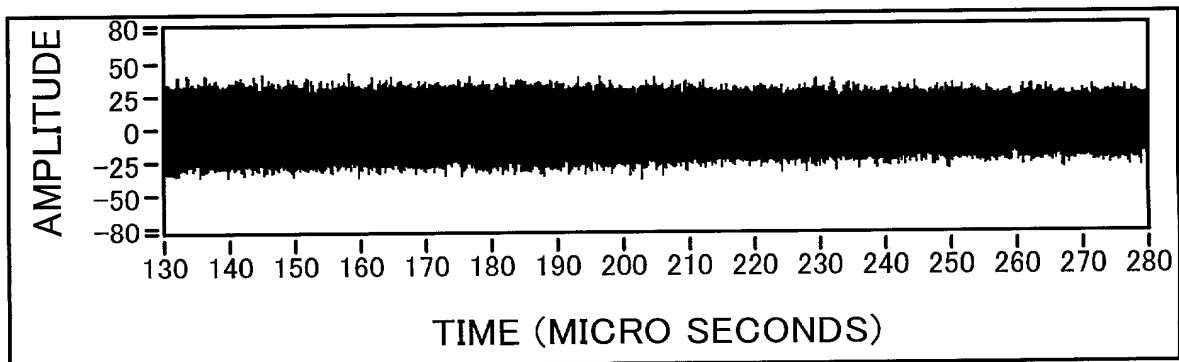


FIG.19A

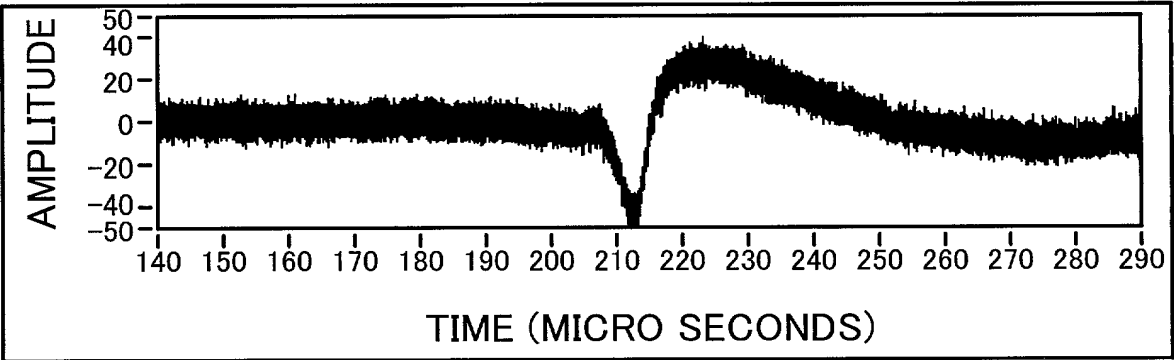


FIG.19B

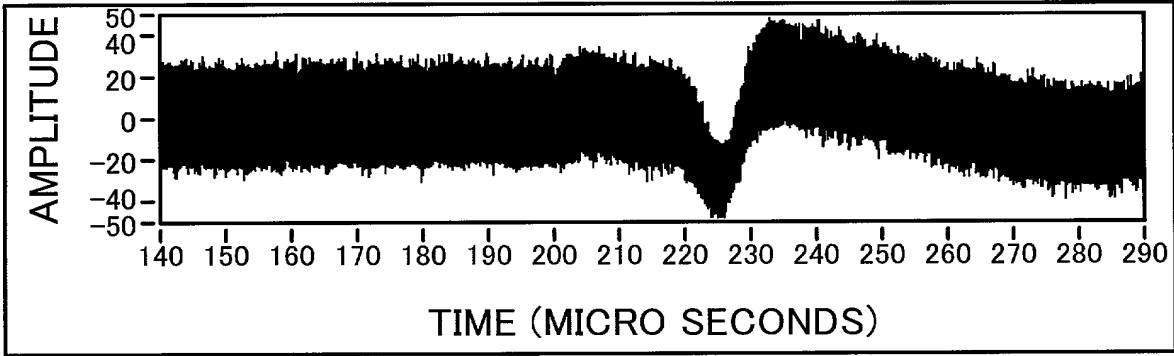


FIG.19C

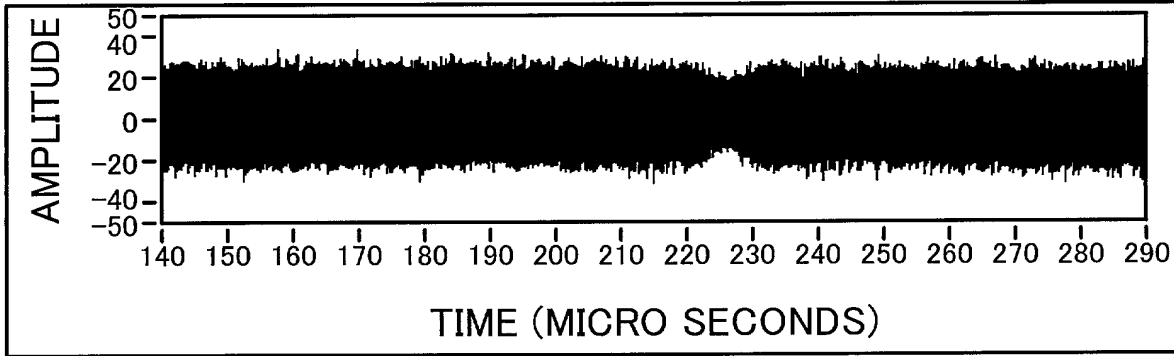


FIG.20

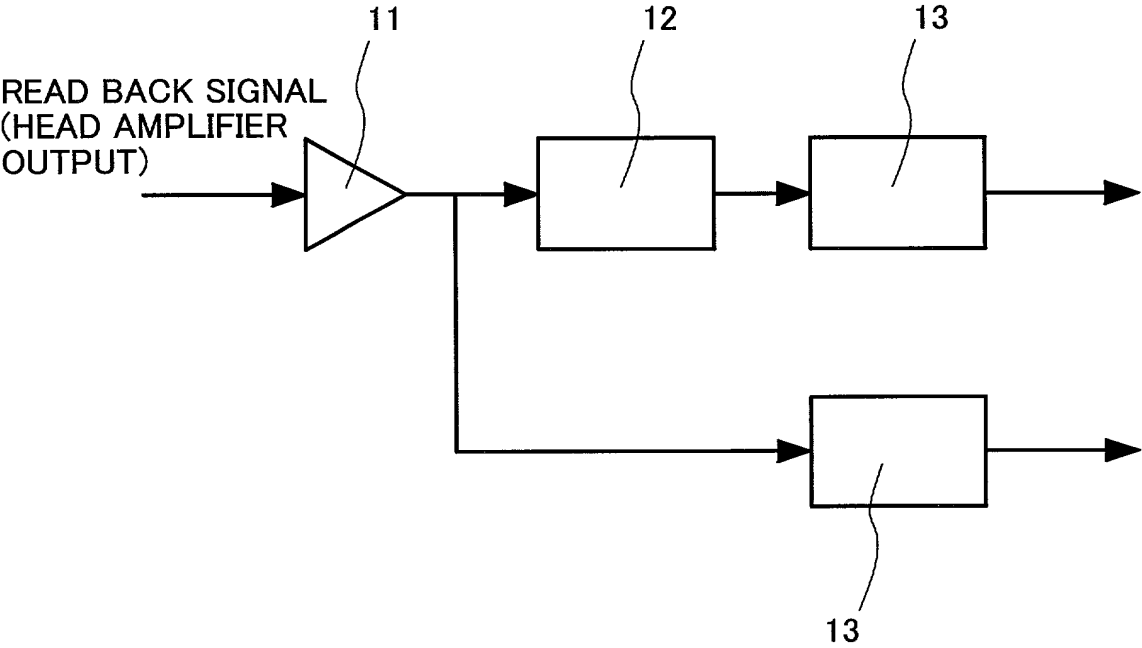


FIG.21

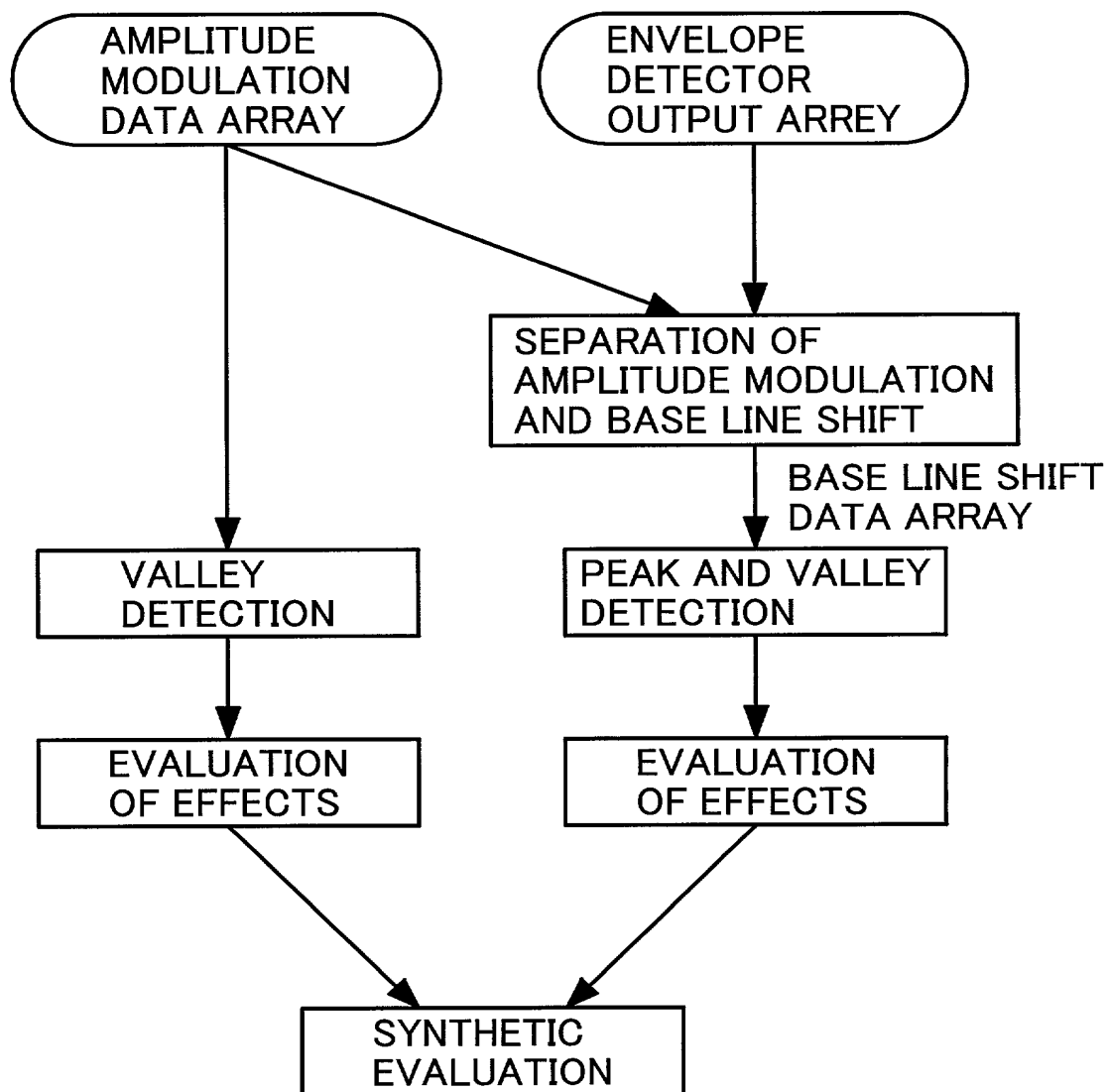
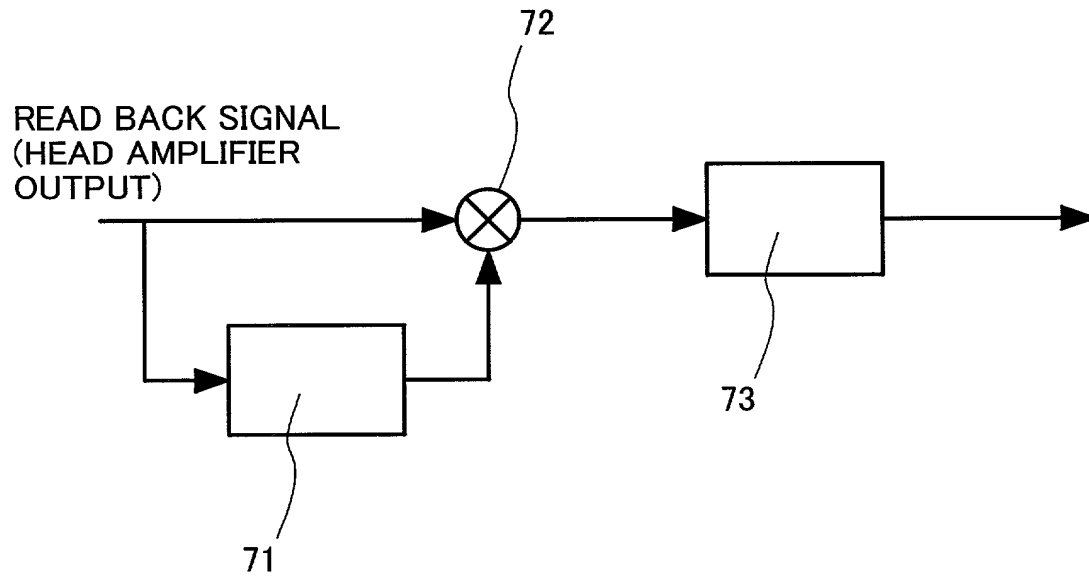


FIG.22



71...CARRIER RETRIEVER CIRCUIT, 72...MIXER,  
73...LOW-PASS FILTER







FIG.25

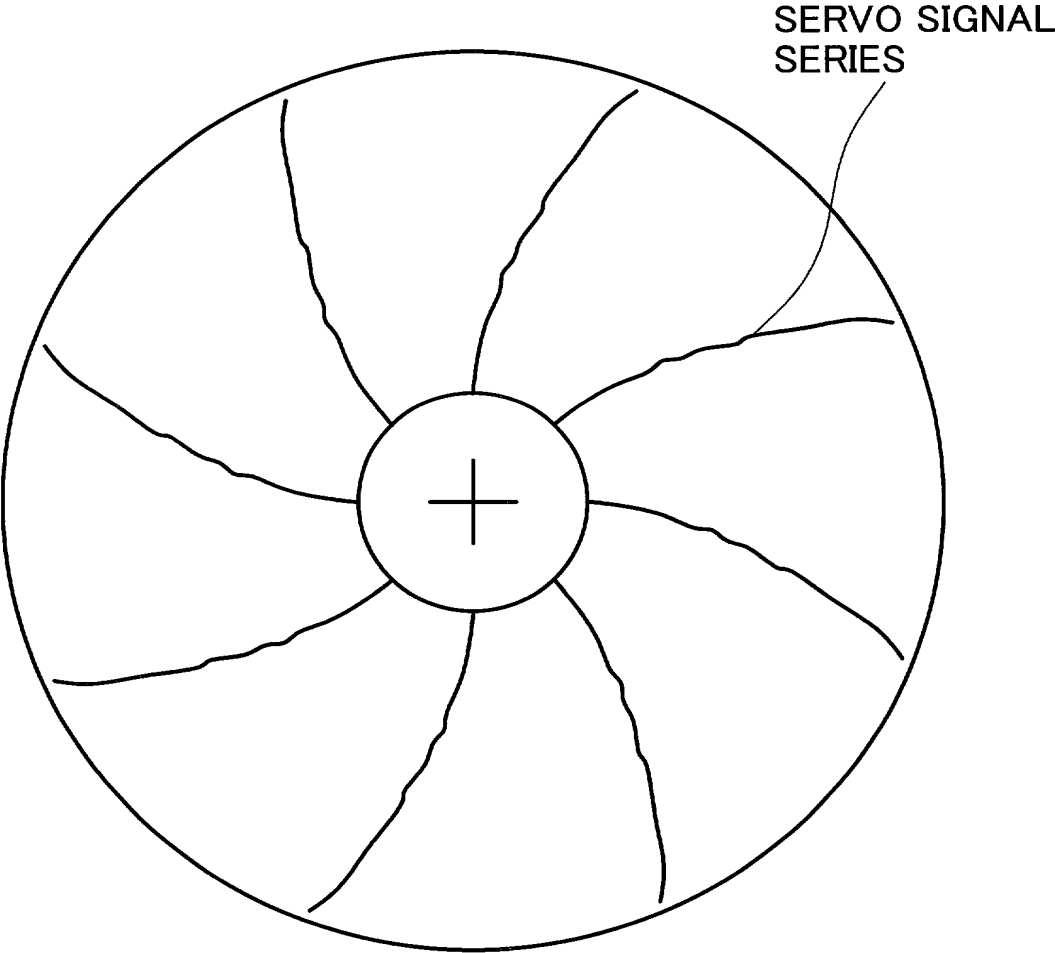


FIG.26

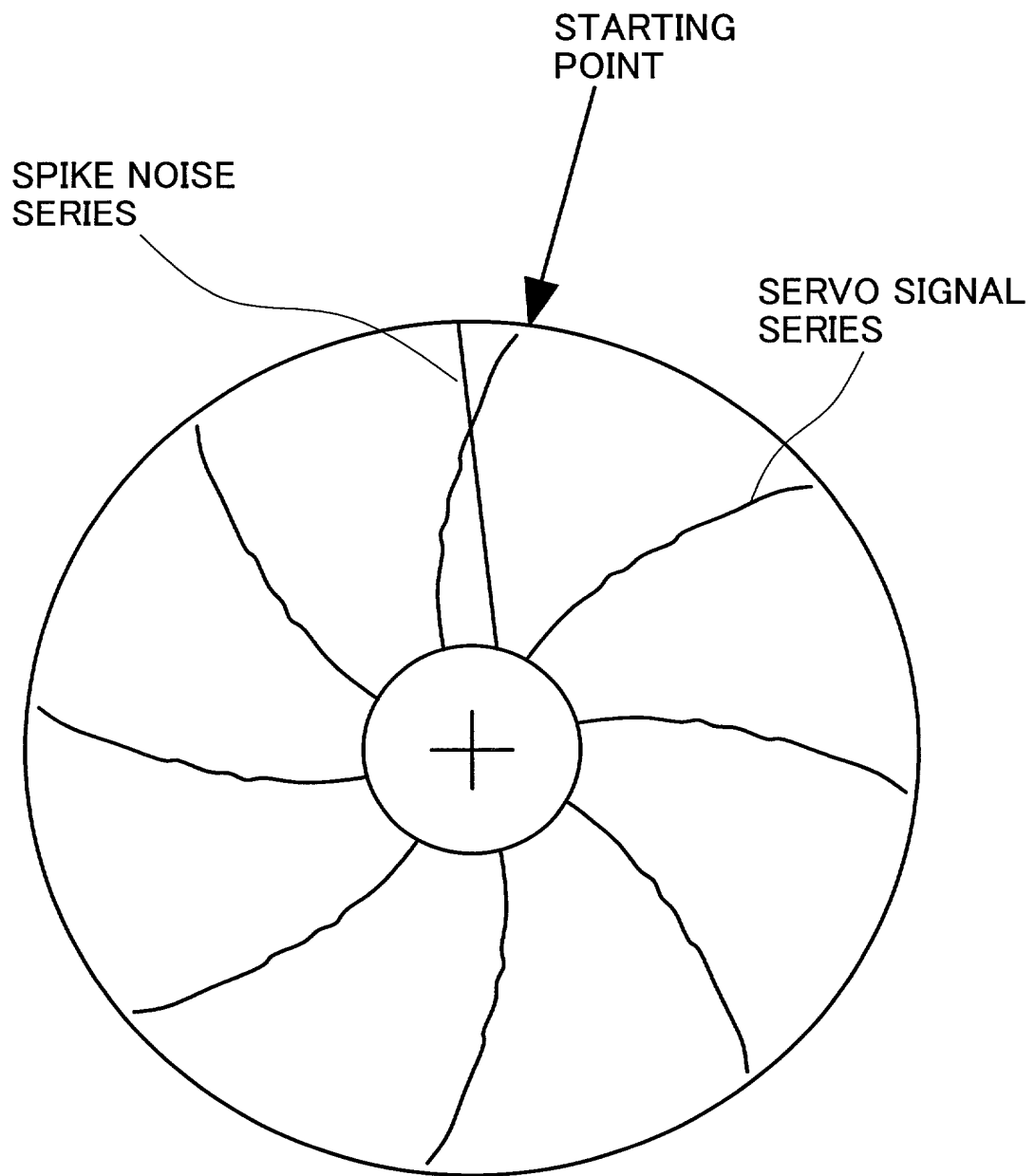
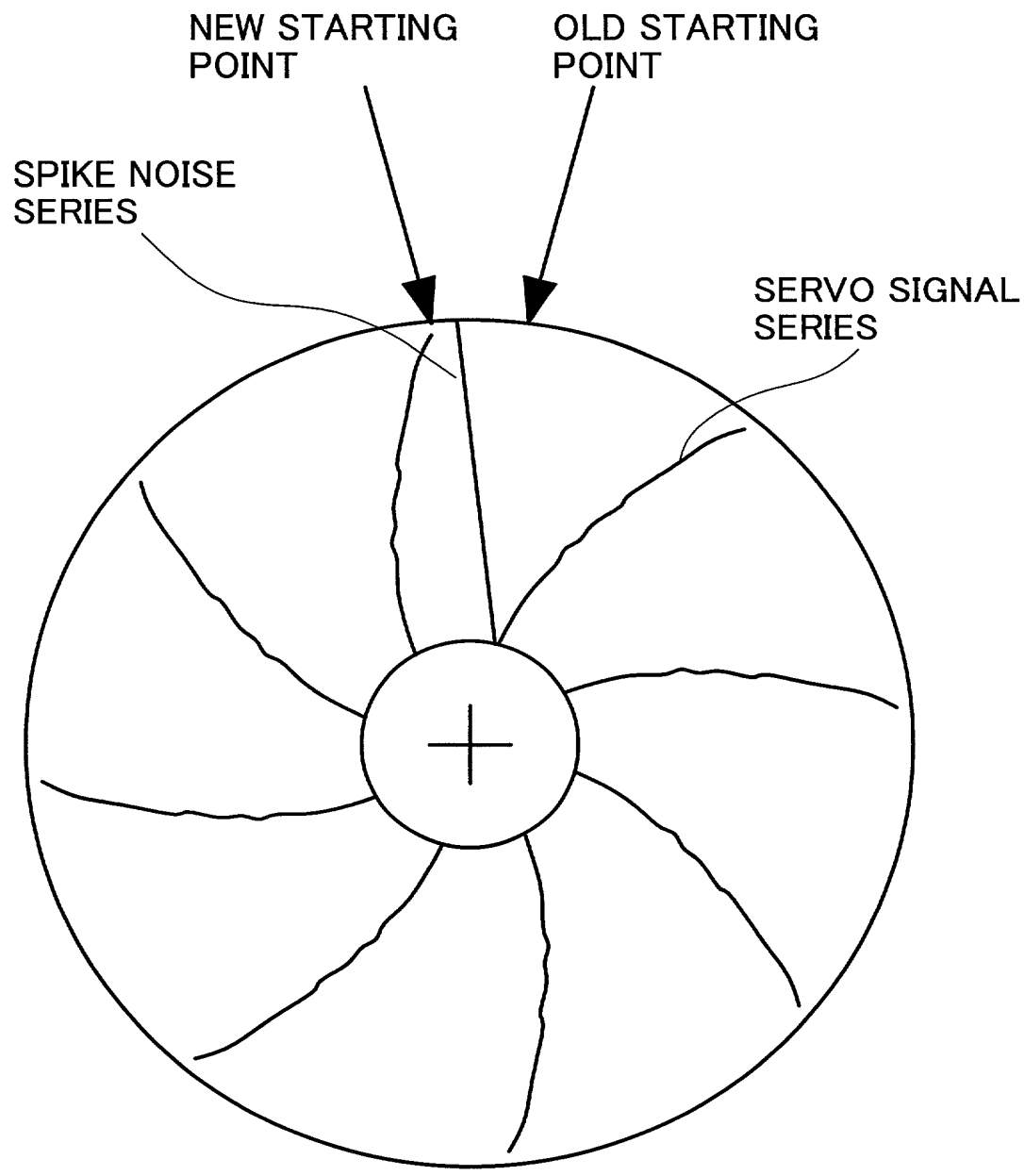
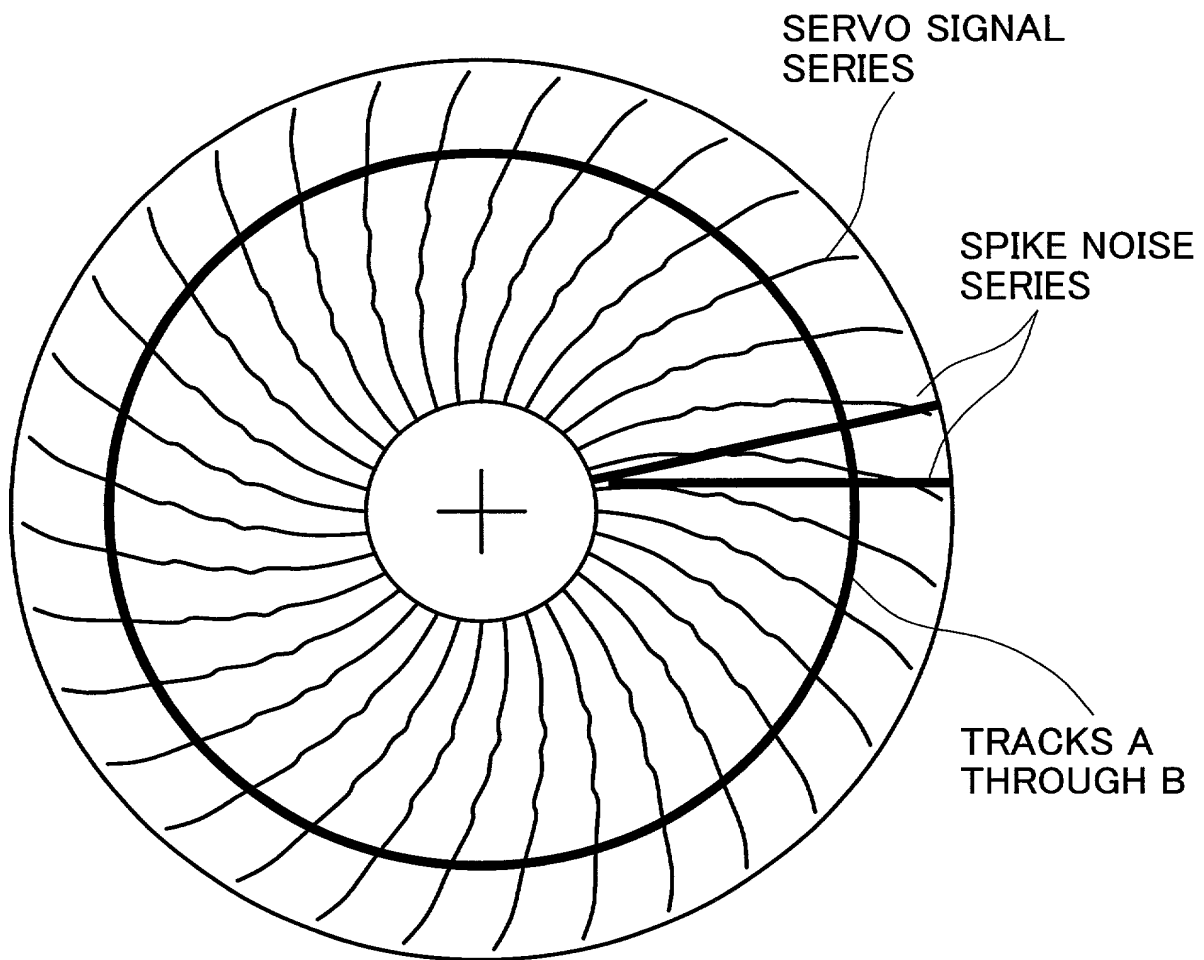


FIG.27



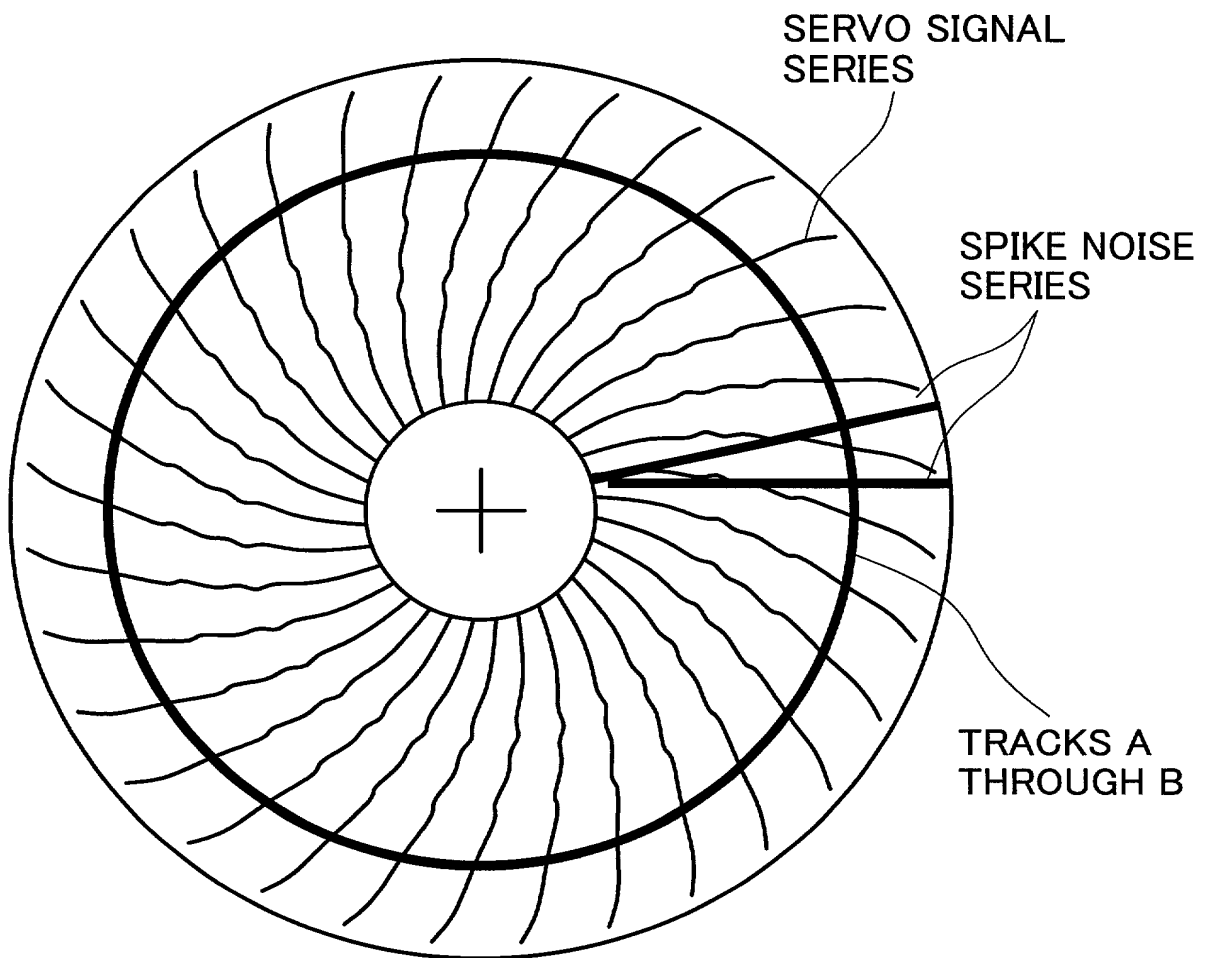
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FIG.28



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FIG.29



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